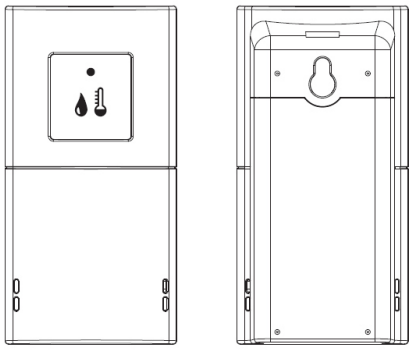
# ETS50

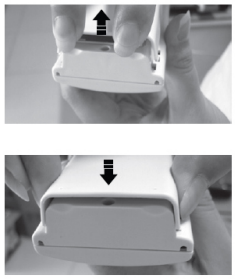
**The ETS50 is a replacement and additional sensor to the device EBR505 of iROX. More probes on compatibilities www.irox.com / Support / sensors list.**

## BATTERY INSTALLATION FOR REMOTE SENSOR UNIT

1. Remove the battery cover by grabbing its bottom edge (near the two recess location) from bottom of sensor unit.
2. Insert 2 pieces of AA size batteries according to the "+" and "-" polarity marks shown in the battery compartment and then close the battery door with the clip on (press down the snap on both sides slightly).



Front view Back view



## WIRELESS REMOTE SENSOR REGISTRATION PROCEDURE

1. Insert 3 pieces of AA batteries first to the main unit. The temperature display shows **- - - -** while the wave icon will keep blinking for 2 minutes indicate the main unit is in sensor searching mode.
2. In a second step, insert the 2 pieces of AA batteries into the sensor unit. The red LED on the front will start flashing at a rate of one time per 2 seconds indicates channel-1 is in use.
3. While the red LED is flashing, press once the ▲/**CH** button (located in the battery compartment) will change the sensor channel setting to 2. Keep toggle on ▲/**CH** button can change channel setting up to 3. The LCD is blinking at a frequency to indicate the channel setting, i.e. continuous blinks 2 times indicate channel-2 is selected.

**Note: If user does not press any key for 10 seconds, it will exit the channel setting mode and transmit the RF signal. The main unit will register the temperature reading.**

For later sensor search and registration:

- Start the sending mode on the main **(EBR505)** unit by pressing the ▲/CH button for 2 seconds.
- On the sensor unit do as described in step 2 and 3 above.

**For more details, read the manual of the display device!**

**SPECIFICATIONS**

**Remote Unit**

| | |
|---|---|
| Proposed operating range | : -10.0°C to +50.0°C (14.0°F to 122.0°F) |
| Displayed relative humidity range | : 20%RH to 99%RH |
| Displayed temperature range | : -10.0°C to +50.0°C (14.0°F to 122.0°F) |
| RF Transmission Frequency | : 868 MHz |
| Open Field RF Transmission Range | : max. 75 meters |
| Temperature transmission cycle time | : 120 seconds |
| Batteries | : 2 pieces of AA size 1.5V alkaline battery |

**Please also remember that used batteries should not be thrown in the household rubbish bin but handed in at the designated collection points. The environment will thank you for it!**

## CARE INSTRUCTIONS

- Do not expose the device to extreme temperatures or direct sunlight over longer periods.
- Avoid blows and shocks of any kind to the device.
- For cleaning use a dry soft cloth that you have moistened with water and a mild cleaning agent. Never use volatile substances such as benzene, thinner, cleansing agents in spray cans etc.
- When the device is not being used store it in a dry area and out of the reach of small children.
- If the device is activated under extreme coldness it may occur that the display becomes illegible. As soon as it is returned to a warm environment the device will function normally.
- Please keep the user's manual and other documents delivered with the device stored carefully so that you can reference them at a later point if necessary.
- Please use only new batteries and never mix old and new batteries.
- Please also remember that old batteries should not be disposed of with household waste but should be handed in at the designated collection centres.
- Important: With all iROX appliances, all disposal fees in Switzerland (vRG; advance recycling fee) and in the EU (WEEE) have been paid.

## SUPPORT

This device is a new development of iROX Development Technology. All information was made and checked by means of a functioning instrument. It may occur that adjustments and improvements of the device will take place that due to typographical procedures were not able to be listed in this manual. Should you notice deviations which make it difficult for you to operate and use the instrument you may at any time download the latest manual onto your PC free of charge at www.irox.com.

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